

| | Type | Ref # | Hits | Search Text |
|----|------|-------|------|---|
| 1 | BRS | S2 | 126 | S1 and (vinyl or acrylic or acrylate) |
| 2 | BRS | S3 | 0 | S1 and (electopolym\$ or electrograf\$) |
| 3 | BRS | S4 | 20 | S1 and (electropolym\$ or electrograf\$) |
| 4 | BRS | S5 | 15 | S4 and S2 |
| 5 | BRS | S8 | 149 | S7 and (vinyl or acrylic or acrylate or methacrylic or methacrylate or acrylonitrile or methacrylonitrile or pyrrolidone or vinylpyrrolidone or pyrrolidine or vinylpyrrolidine) |
| 6 | BRS | S7 | 217 | electrode same array same (polymeriz\$ or electropolymeriz\$ or electrograf\$) |
| 7 | BRS | S12 | 74 | S11 and array |
| 8 | BRS | S6 | 217 | electrode same array same (polymeriz\$ or electropolymeriz\$) |
| 9 | BRS | S9 | 573 | (polymer same electrode) and (electropolym\$ or electrograf\$) |
| 10 | BRS | S13 | 35 | S12 and nano\$ |
| 11 | BRS | S10 | 339 | S9 and (vinyl or acrylic or acrylate or methacrylic or methacrylate or acrylonitrile or methacrylonitrile or pyrrolidone or vinylpyrrolidone or pyrrolidine or vinylpyrrolidine) |
| 12 | BRS | S11 | 223 | S10 |
| 13 | BRS | S14 | 7 | S12 and (nanotube or fullerene or buckmin\$) |
| 14 | BRS | S1 | 202 | electrode same array same polymeriz\$ |
| 15 | BRS | S15 | 573 | (polymer same electrode) and (electropolym\$ or electrograf\$) |
| 16 | BRS | S16 | 339 | S15 and (vinyl or acrylic or acrylate or methacrylic or methacrylate or acrylonitrile or methacrylonitrile or pyrrolidone or vinylpyrrolidone or pyrrolidine or vinylpyrrolidine) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|-----------------|------------------|----------|------------------|
| 1 | US-PGPUB; USPAT | 2006/08/29 12:06 | | |
| 2 | US-PGPUB; USPAT | 2006/08/29 11:35 | | |
| 3 | US-PGPUB; USPAT | 2006/08/29 13:11 | | |
| 4 | US-PGPUB; USPAT | 2006/08/29 11:59 | | |
| 5 | US-PGPUB; USPAT | 2006/08/29 13:12 | | |
| 6 | US-PGPUB; USPAT | 2006/08/29 12:04 | | |
| 7 | USPAT | 2006/08/29 13:20 | | |
| 8 | US-PGPUB; USPAT | 2006/08/29 12:03 | | |
| 9 | US-PGPUB; USPAT | 2006/08/29 13:12 | | |
| 10 | USPAT | 2006/08/29 13:13 | | |
| 11 | US-PGPUB; USPAT | 2006/08/29 13:12 | | |
| 12 | USPAT | 2006/08/29 13:12 | | |
| 13 | USPAT | 2006/08/29 13:14 | | |
| 14 | US-PGPUB; USPAT | 2006/08/29 12:03 | | |
| 15 | US-PGPUB; USPAT | 2006/08/30 19:10 | | |
| 16 | US-PGPUB; USPAT | 2006/08/30 19:10 | | |

| | Errors |
|----|--------|
| 1 | |
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| | Type | Ref # | Hits | Search Text |
|----|------|-------|------|---|
| 17 | BRS | S17 | 223 | S16 |
| 18 | BRS | S18 | 86 | S16 and (monomer same (polymer or polymerize) same electrode) |
| 19 | BRS | S19 | 22 | S18 and (graft\$ or electrograft\$) |
| 20 | BRS | S20 | 0 | array same electrograft\$ same (polymer or polymerize) same monomer |
| 21 | BRS | S21 | 0 | array same electrograft\$ same (polymer or polymerize) |
| 22 | BRS | S22 | 1 | electrograft\$ same (polymer or polymerize) |
| 23 | BRS | S25 | 49 | electropolymer\$ same substrate same monomer |
| 24 | BRS | S26 | 16 | S25 and array |
| 25 | BRS | S23 | 1 | electrograft\$ same (array) |
| 26 | BRS | S24 | 4 | electrograft\$ |

| | DBs | Time Stamp | Comments | Error Definition |
|----|-------|------------------|----------|------------------|
| 17 | USPAT | 2006/08/30 19:10 | | |
| 18 | USPAT | 2006/08/30 19:19 | | |
| 19 | USPAT | 2006/08/30 19:26 | | |
| 20 | USPAT | 2006/08/30 19:27 | | |
| 21 | USPAT | 2006/08/30 19:27 | | |
| 22 | USPAT | 2006/08/30 19:28 | | |
| 23 | USPAT | 2006/08/30 19:41 | | |
| 24 | USPAT | 2006/08/30 19:41 | | |
| 25 | USPAT | 2006/08/30 19:28 | | |
| 26 | USPAT | 2006/08/30 19:41 | | |

| | Errors |
|----|--------|
| 17 | |
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(FILE 'HOME' ENTERED AT 19:30:59 ON 31 AUG 2006)

FILE 'CAPLUS, MEDLINE, SCISEARCH, BIOSIS' ENTERED AT 19:31:19 ON 31 AUG
2006

L1 10441 S ELECTROGRAFT? OR ELECTROPOLYMER?
L2 43 S L1 AND METHACRYLONIT?
L3 30 DUP REM L2 (13 DUPLICATES REMOVED)
L4 19 S L3 AND PY<2001
L5 667 S L1 AND (VINYL?)
L6 109 S L5 AND PYRROL?
L7 87 DUP REM L6 (22 DUPLICATES REMOVED)
L8 12 S L1 AND (SULFONIUM OR PHOSPHONIUM)
L9 11 DUP REM L8 (1 DUPLICATE REMOVED)
L10 71 S (L7 OR L9) AND (PY<2002)
L11 7 S L10 AND (SULFONIUM OR PHOSPHONIUM)

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